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### Dimensions

L	18mm +0.3/-0.5mm
H	12mm +0.1/-0.5mm
T	6mm +0.2/-0.5mm
S	15mm +/-0.4mm
LL	3.5mm +0.5mm
F	0.8mm +/-0.05mm

### Packaging Specifications

Packaging	Bulk, Bag
Packaging Quantity	1750

### General Information

Series	R74
Dielectric	Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Lead	Cut
Qualifications	AEC-Q200
AEC-Q200	Yes
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.
Notes	Series Replaced by R75.

### Specifications

Capacitance	0.01 uF
Capacitance Tolerance	5%
Voltage AC	500 VAC
Voltage DC	1600 VDC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.01% 1kHz, 0.02% 10kHz, 0.08% 100kHz
Insulation Resistance	100 GOhms
Max dV/dt	4500 V/us
Resistance	63.7 mOhms (100kHz)
Ripple Current	2.4 Amps (100kHz 85C), 45 Amps (Peak)
Inductance	10 nH